



ST. CROIX EXPLORATION COMPANY

7850 Metro Parkway, Suite 102  
Bloomington, Minnesota 55420  
612 / 854-1787

430 1st Avenue North  
Suite #640  
Minneapolis, MN 55401  
612/343-0310

406 WCCO Radio Building  
Minneapolis, Minnesota 55402  
612 / 336-9781

RECEIVED

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

May 10, 1984

State of Utah-Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Confidential Well Status  
Memorandum, dated  
September 13, 1983

Gentlemen:

We request a confidential status for our proposed well, Utah State #1, SW/SE Sec2, T25S, R11E, Emery County, Utah.

We understand this confidential status shall apply to information records submitted to the Division as listed in paragraph 2 (two) of this Memorandum.

Thank you for your cooperation.

Very truly yours,

Stanley R. Tyler  
Vice President

SRT:pmc



ST. CROIX EXPLORATION COMPANY

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**MAY 14 1984**

**DIVISION OF OIL  
GAS & MINING**

May 10, 1984

State of Utah-Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Gentlemen:

Enclosed please find the following:

- Application for Permit to Drill, Deepen, or Plug Back (3 copies)
- Well Location Plat (3 copies)
- Drill Site Map (3 copies)
- Confidential Well Status request letter, signed by Mr. Stanley R. Tyler, Vice President

These documents pertain to the St. Croix Exploration Utah State #1 well, SW/SE Sec2, T25S, R11E, Emery County, Utah.

Please address all future correspondence to our offices at 430 First Avenue North, and please contact us if you have any questions on the enclosed materials.

Thank you.

Sincerely,

*Patrice M. Carlson*

Patrice M. Carlson  
Administrative Assistant

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

(Other instructions on  
reverse side)

**CONFIDENTIAL**

5. Lease Designation and Serial No.  
Utah State #33685

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name  
Utah State

9. Well No.  
1

10. Field and Pool, or Wildcat  
Wildcat

11. Sec., T., R., M., or Blk.  
and Survey or Area  
SW/SE Sec 2, T25S, R11E

12. County or Parrish  
Emery

13. State  
Utah

14. Distance in miles and direction from nearest town or post office\*  
27 miles north of Hanksville

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)  
As above

16. No. of acres in lease  
640

17. No. of acres assigned  
to this well  
40 acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.  
None

19. Proposed depth  
3000'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
5313' GR

22. Approx. date work will start\*  
June 1, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-3/4"	8-5/8"	28.00 #/F+	500'	300 sks.
7-7/8"	5-1/2"	15.5 #	3000 +/-	300 sks.

Proposal is to drill to 500', set surface pipe and drill to 3000' with air. Evaluate any oil shows by testing and/or coring, log well and set pipe if indicated. A blowout preventer will be installed below 500'.

Desert Drilling Co., Moab, Utah will be the drilling contractor.

**RECEIVED**

MAY 14 1984

DIVISION OF OIL  
GAS & MINING

Contact Stanley Tyler or Ben Case at (612) 343-0310 if there are any questions on this matter.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Stanley A. Tyler Title Vice President Date May 10, 1984  
(This space for Federal or State office use)

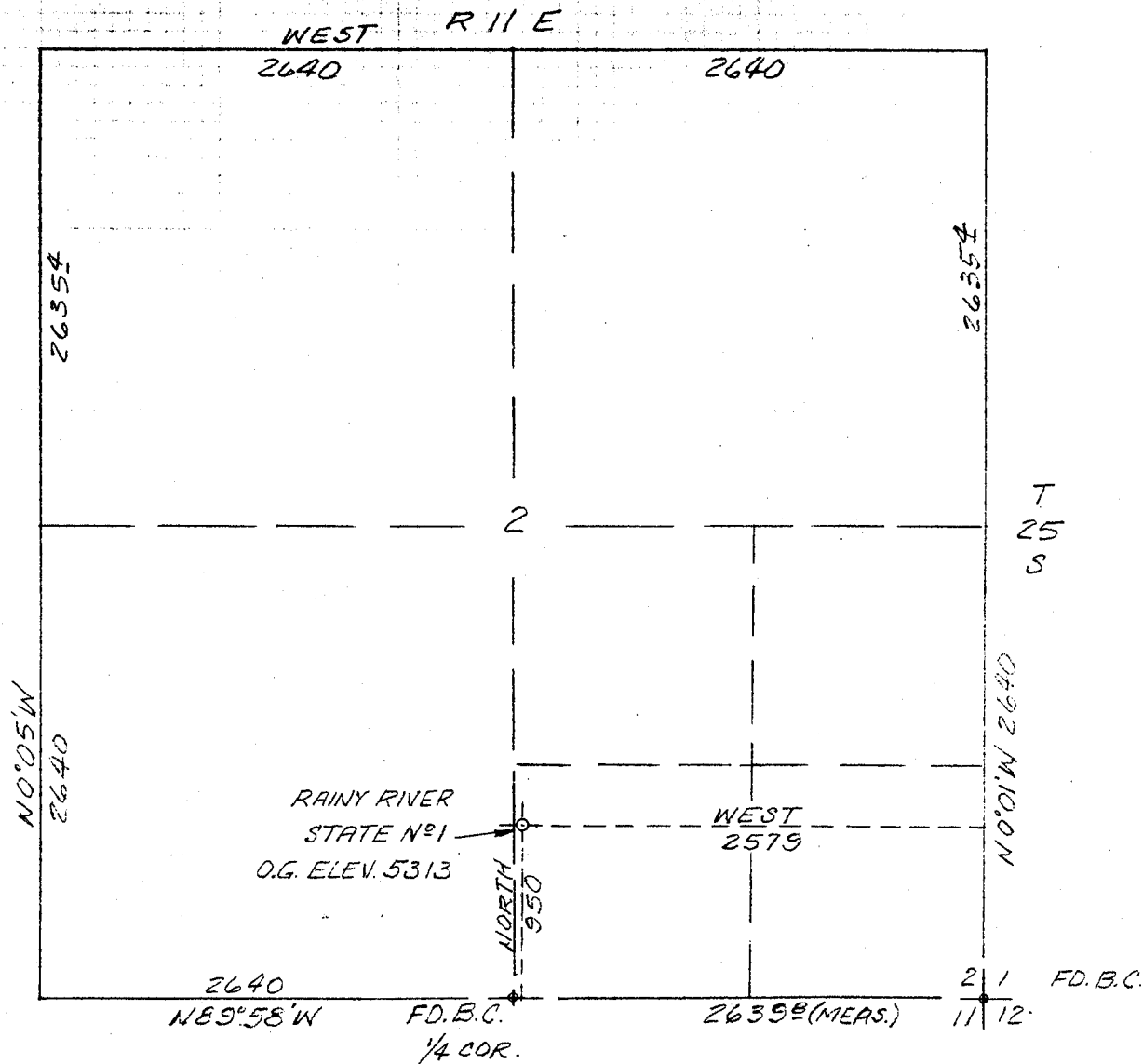
Permit No. .... Approval Date .....

Approved by ..... Title .....  
Conditions of approval, if any:

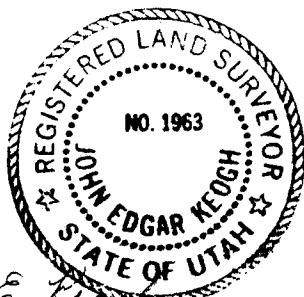
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 6/8/84  
BY: John R. Bay

\*See Instructions On Reverse Side



SECTION BOUNDARY CALLS ARE RECORD



UTAH R.L.S. No. 1963

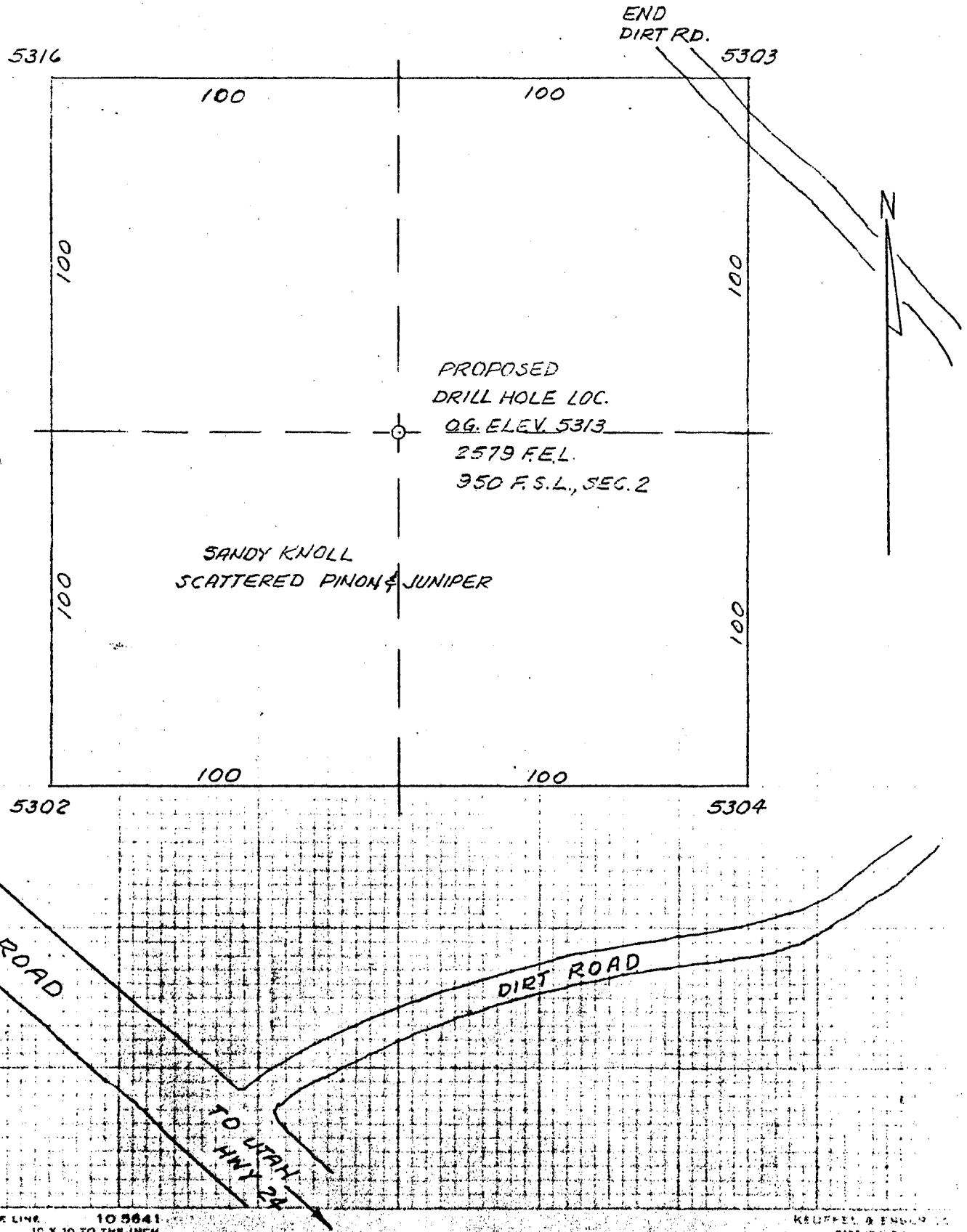
WELL LOCATION PLAT OF  
 RAINY RIVER STATE NO. 1  
 IN SW 1/4 SE 1/4, SEC. 2, T25S, R11E, S.L.B. & M.  
 EMERY COUNTY, UTAH  
 TRANSIT & EDM. SURVEY  
 FOR: RAINY RIVER RESOURCES  
 SCALE: 1"=1000' MARCH 2, 1984  
 ELEV. BY VER. ANGLES FROM U.S.G.S.  
 TOPO. QUAD. "TEMPLE MTN., UTAH", 1953  
 (S.E. COR., SEC. 2 = 5320)

RECEIVED

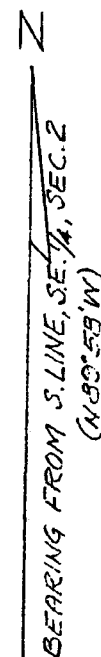
MAY 14 1984

DIVISION OF OIL  
GAS & MINING

DRILL SITE MAP  
RAINY RIVER STATE N<sup>o</sup>1  
IN S.E. 1/4, SEC. 2, T25S, R11E, S.L.B. & M.  
EMERY COUNTY, UTAH  
SCALE: 1" = 40' MARCH 2, 1984  
ELEV. BY VER. ANGLES  
J.E. KEOGH, UTAH R.L.S. N<sup>o</sup>1963



# DIVISION OF OIL GAS & MINING

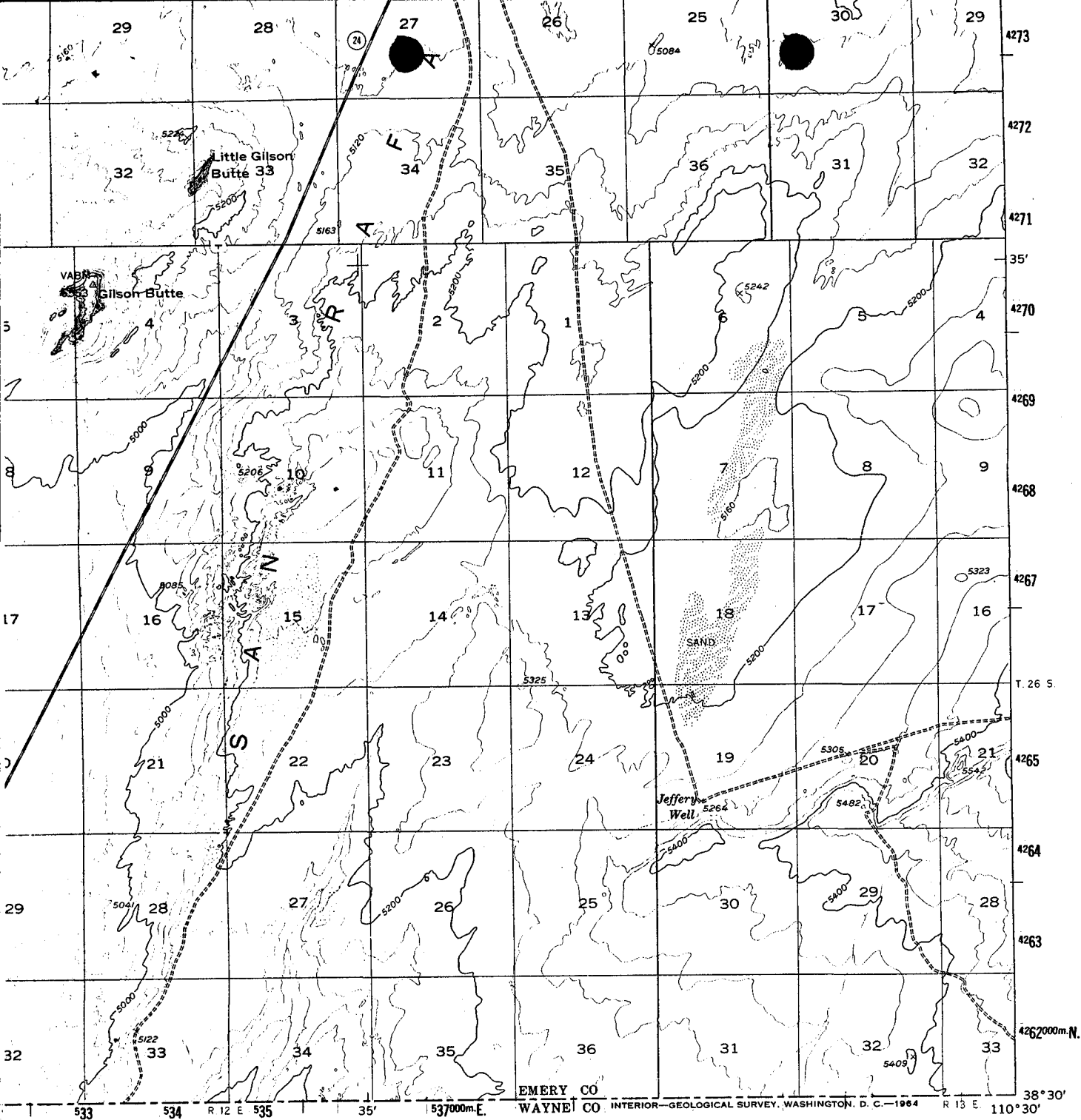


A circular seal for a Registered Land Surveyor. The outer ring contains the text "REGISTERED LAND SURVEYOR" at the top and "STATE OF UTAH" at the bottom, separated by two stars. Inside this ring is a dotted circle. Within the dotted circle, the name "JOHN EDGAR KEOGH" is written in an arc, and the number "NO. 1963" is centered below it. The seal is stamped in black ink on a light-colored, textured paper.

WELL LOCATION PLAT OF  
RAINY RIVER STATE NO. 1  
IN SW 1/4 SE 1/4, SEC. 2, T25S, R11E, S.L.B. & M.  
EMERY COUNTY, UTAH  
TRANSIT & E.D.M. SURVEY  
FOR: RAINY RIVER RESOURCES  
SCALE: 1"=1000' MARCH 2, 1984  
ELEV. BY VER. ANGLES FROM U.S.G.S.  
TOPO. QUAD. "TEMPLE MTN., UTAH", 1953  
(S.E. COR., SEC. 2 = 5320)

$v + \frac{1}{2}h$





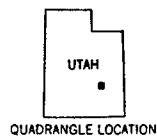
SCALE 1:62500

0 1 2 3 4 MILES

9000 12000 15000 18000 21000 FEET

0 1 2 3 4 5 KILOMETERS

VERTICAL INTERVAL 40 FEET  
IS MEAN SEA LEVEL



# ROAD CLASSIFICATION 1964

Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

○ State Route

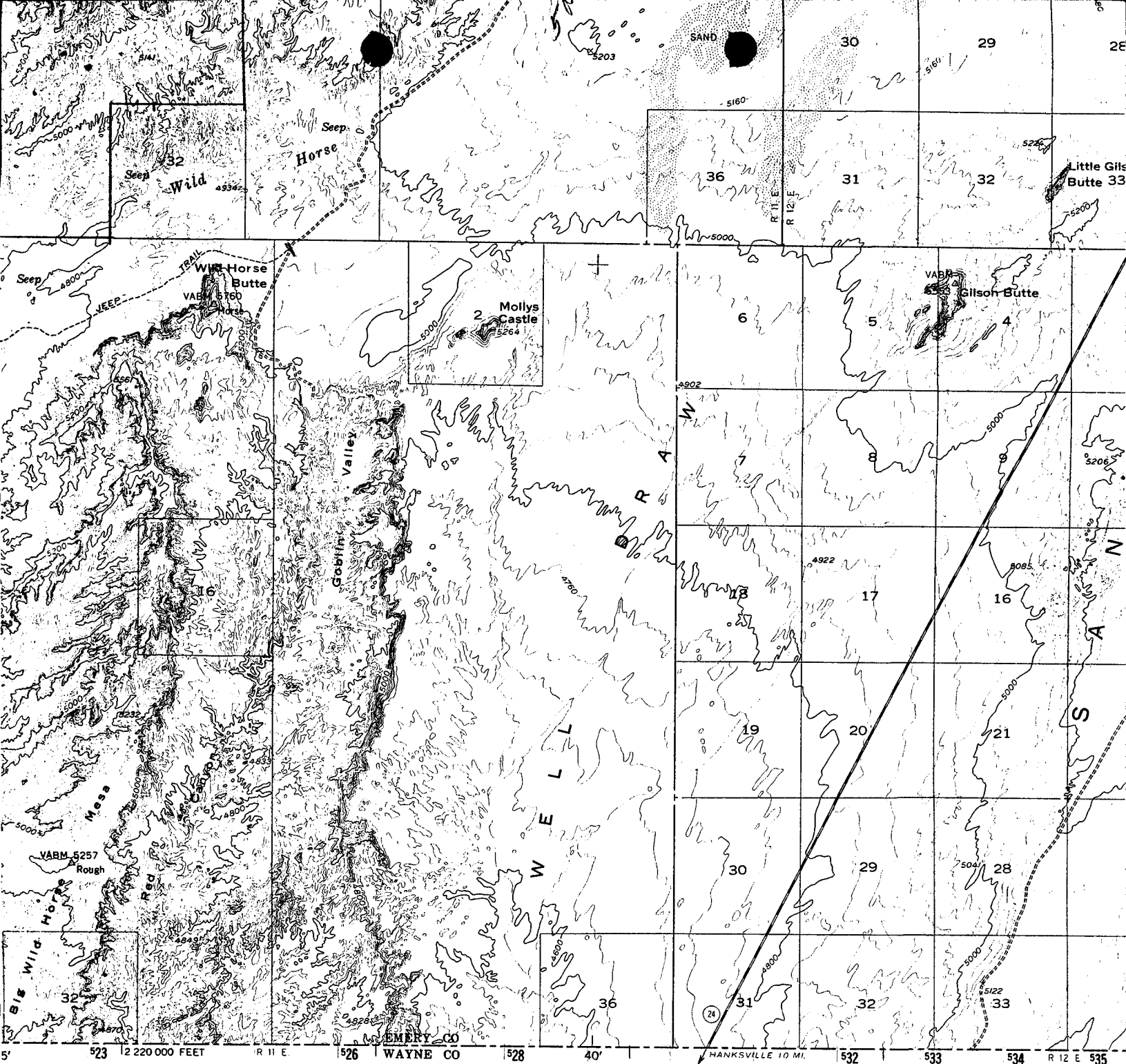
TEMPLE MTN., UTAH  
N3830-W11030/15

1953

AMS 3861 II—SERIES V797

1. NATIONAL MAP ACCURACY STANDARDS  
2. BY DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
3. FOR MAPS AND SYMBOLS IS AVAILABLE ON REQUEST





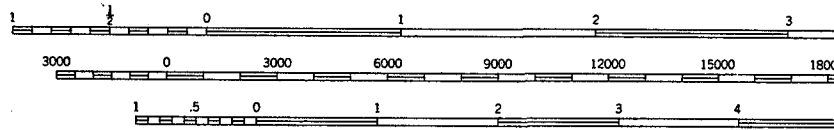
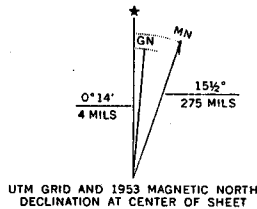
Map compiled, edited, and published by the Geological Survey  
in cooperation with the Atomic Energy Commission

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1951-52. Advance field check 1953

Projection: UTM, 1927 North American datum  
1,000-foot grid based on Utah coordinate system, central zone  
100-meter Universal Transverse Mercator grid ticks,  
zone 12, shown in blue

Checked elevations are shown in brown



CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

# CONFIDENTIAL

OPERATOR

St. Croix Exploration

DATE

5-17-84

WELL NAME

Utah State #1

SEC

SWSE 2

T

25S

R

11E

COUNTY

Emery

43-015-30197

API NUMBER

State

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☒

HL

☐☐

NID

☒

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

No other wells in Sec 2

✓ Erection Loc. letter requested received 6-4-84  
needs water

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☒

c-3-c

SPECIAL LANGUAGE:

1. water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *\$5000 State Bond*

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☐ c-3-b

☒ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



ST. CROIX EXPLORATION COMPANY

7850 Metro Parkway, Suite 102  
Bloomington, Minnesota 55420  
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430 First Avenue North  
Suite #640  
Minneapolis, MN 55401  
(612) 343-0310

406 WCCO Radio Building  
Minneapolis, Minnesota 55402  
612 / 336-9781

May 29, 1984

Ms. Arlene Sollis  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Utah State #1  
Sec. 2, T25S, R11E  
Emery County, Utah

Dear Ms. Sollis:

We are requesting a variance from the normal well spacing due to the rugged topography encountered at that normal location.

John Keough, who surveyed this location, found that minimum damage to the topography would result if we could move nearer the road at the indicated location.

We are enclosing a topographic map of the location and two maps supplied by the surveyor for your consideration.

If you have any questions, please call us at (612) 343-0310.

Very truly yours,

Stanley R. Tyler  
President

Enclosures

SRT:pmc

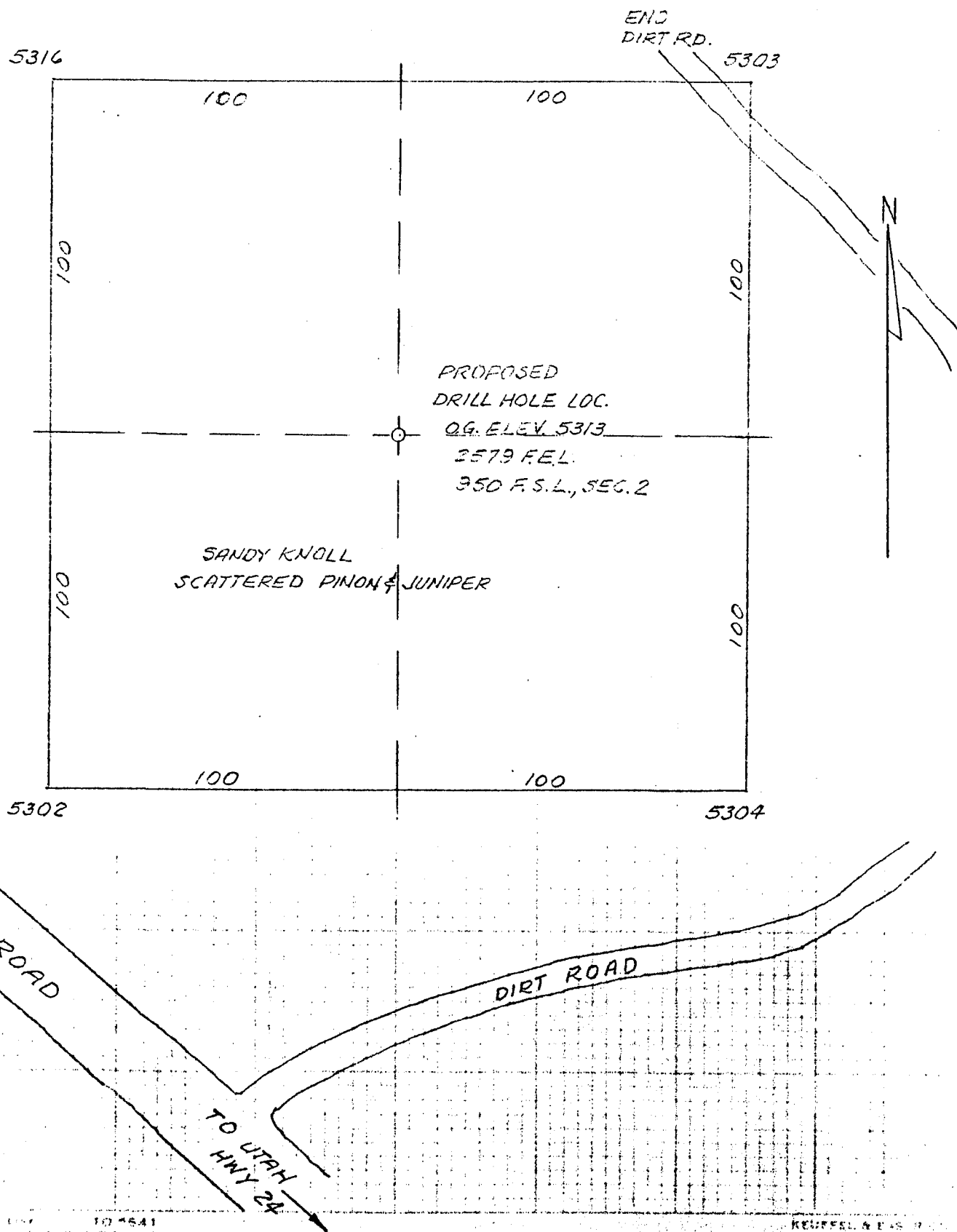
**RECEIVED**

JUN 4 1984

DIVISION OF OIL  
GAS & MINING

Petroleum Ventures

DRILL SITE MAP  
RAINY RIVER STATE NO. 1  
IN SE. 1/4, SEC. 2, T25S, R11E, S. 1/2, 1/4 M.  
EMERY COUNTY, UTAH  
SCALE: 1" = 40' MARCH 2, 1934  
ELEV. BY VER. ANGLES  
J.E. KEOGH, UTAH R.L.S. NO. 1963



June 8, 1984

St. Croix Exploration  
430 First Avenue N., Suite 640  
Minneapolis, MN 55401

RE: Well No. Utah State 1  
SWSE Sec. 2, T. 25S, R. 11E  
950' FSL, 2579' FEL  
Emery County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

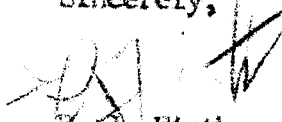
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

St. Croix Exploration  
Well No. Utah State 1  
June 8, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30197.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/gl  
cc: Branch of Fluid Minerals  
Enclosures

Water or  
94-829  
T. 60052

# CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

## SPODDING INFORMATION

NAME OF COMPANY: ST. CROIX EXPLORATION -

WELL NAME: UTAH STATE #1

SECTION SWSE 2 TOWNSHIP 25S RANGE 11E COUNTY EMERY

DRILLING CONTRACTOR Desert Drilling

RIG #                     

SPODDED: DATE 7-9-84

TIME                     

How                     

DRILLING WILL COMMENCE                                     

REPORTED BY Stan Tyler *Rig (801-259-2029)*

TELEPHONE # Serra San Motel - (Green River)  
564-3401 #214

DATE 7-9-84 SIGNED RJF

Ann Aubry - BLM. Price, 637-4584  
Hanksville, Temple Mtn., Rainbow River  
Location



308885

STATE OF UTAH  
COUNTY OF EMERY SS  
FILED AND RECORDED FOR

OCT 22 10 11 AM '84

IN BOOK 146  
PAGE 359-363  
COUNTY RECORDER

RECEIVED

359 NOV 13 1984

DIVISION OF OIL  
GAS & MINING

WHEN RECORDED MAIL TO:

Offman & Offman, P.C.  
P.O. Box J  
Moab, Utah 84532

Space Above For Recorder's Use

MECHANIC'S LIEN

NOTICE IS HEREBY GIVEN, by GENE TANGREEN  
dba AGK WELDING SERVICE, with its principal place of business  
located at 2700 Spanish Valley Drive, Moab, Utah 84532,  
hereinafter referred to as "Lienholder", as follows:

1. Lienholder is a welding company which, among  
other things, provides a service to the oilfield industry which  
includes metal and pipe fabrication, cutting and welding necessary  
for the drilling and completion of oil and gas wells.

2. Lienholder is an "original contractor" as the  
term is used in Section 38-1-2 of the Utah Code Annotated.

3. In June, 1984, lienholder was engaged by  
Rainy River Resources to provide certain services necessary to aid  
in the drilling of a certain well known as Rainy River Utah State  
#1, Emery County, State of Utah, being further described as:

Section 2, Township 25 South, Range  
11 East SLB&M.

4. The State of Utah is the reputed owner of the  
oil and gas estate at the site of the well aforesaid and St.  
Croix-Nuggett Joint Venture, whose address is 7850 Metro  
Parkway, Suite 102, Bloomington, Minnesota 55420, is the reputed  
Lessee of Utah State Oil, Gas and Hydrocarbon Lease Number  
33685. Rainy River Resources, whose address is Kickernick

*Desert Drilling Company*

2450 So. HWY. 163 • P. O. BOX 757 • MOAB, UTAH 84532 • TELEPHONE: (801) 259-8426

July 31, 1984

Rainy River Resources  
 Kickernick Building, Suite 640  
 430 1st Avenue North  
 Minneapolis Minn. 55401

Re: Rainy River Utah State #1

DAYRATE CONTRACT

125

Trucking	\$ 8,400.00
Rig up July 5 and 6 1/2 rate	3,400.00
Rig time drilling July 7 thru 25 19 days @ \$3,400	64,600.00
Rig down July 26 and 27 1/2 rate	3,400.00
Demobilization	<u>5,000.00</u>
TOTAL	\$84,800.00
PAID	<u>40,800.00</u>
BALANCE DUE	44,000.00 ✓
5% discount if paid in 10 days	<u>2,200.00</u>
	\$41,800.00

308794

STATE OF UTAH  
COUNTY OF EMERY SS  
FILED AND RECORDED FOR

Catherine Y. [Signature]

OCT 11 10 03 AM '84

IN BOOK 149  
PAGE 155-159  
COUNTY RECORDER [Signature]

155

WHEN RECORDED MAIL TO:

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Space Above For Recorder's Use

MECHANIC'S LIEN

NOTICE IS HEREBY GIVEN, by DESERT DRILLING COMPANY, a Utah partnership, with its principal place of business located at 2850 South Desert Road, Moab, Utah 84532, hereinafter referred to as "Lienholder", by and through Kay L. Leach, Partner, as follows:

1. Lienholder is a drilling company which, among other things, provides to the oilfield industry services, and equipment necessary to perform such services, including services for the drilling and completion of oil and gas wells.

2. Lienholder is an "original contractor" as the term is used in Section 38-1-7 of the Utah Code Annotated.

3. In June, 1984, lienholder was engaged by Rainy River Resources to drill a certain well known as Rainy River Utah State #1, Emery County, State of Utah, being further described as:

Section 2, Township 25 South, Range  
11 East SLB&M.

4. The State of Utah is the reputed owner of the oil and gas estate at the site of the well aforesaid and St. Croix-Nuggett Joint Venture, whose address is 7850 Metro Parkway, Suite 102, Bloomington, Minnesota 55420, is the reputed Lessee of Utah State Oil, Gas and Hydrocarbon Lease Number 33685. Rainy River Resources, whose address is Kickernick

Building, Suite 640, 430 First Avenue North, Minneapolis, Minnesota 55401, is the reputed operator/developer of the aforesaid well located on said lease.

5. The terms and conditions under which Rainy River Resources engaged Desert Drilling Company are as follows: Desert Drilling Company would complete the drilling of that well described and known as Rainy River Utah State #1 providing trucking, rig up, drilling time including labor, rig down and demobilization; Rainy River would provide all peripheral services and equipment necessary. That upon completion of the drilling of the well known as Rainy River Utah State #1, Desert Drilling Company would render a statement to Rainy River Resources in the drilling effort, which statement would be honored within thirty (30) days from the date of rendering said statement.

6. The first labor was furnished by Desert Drilling Company with respect to the drilling effort on Rainy River Utah State #1 well on the 5th day of July, 1984 and the last date in which material and labor was furnished to the site of that well was the 27th day of July, 1984.

7. Attached to this lien is the statement of labor and materials performed from July 5, 1984 to July 27, 1984 to Rainy River Resources.

8. The lienholder is a Utah partnership composed of Terry L. Leach and Kay L. Leach, also husband and wife and this lien is executed on behalf of Desert Drilling Company by Kay L. Leach, partner.

9. Lienholder hereby gives notice of intent to hold and claim a lien upon the property interest and wells described in paragraph 4, supra, pursuant to Section 38-1-7 of the Utah Code Annotated, 1953, as amended, for the amount of Forty Four Thousand Dollars (\$44,000.00) and interest at the maximum legal rate from the 21st day of July, 1984. There is one credit of Forty Thousand Eight Hundred Dollars (\$40,800.00) to the original statement amount of Eighty Four Thousand Eight Hundred Dollars (\$84,800.00) which was received of Rainy River Resources by Desert Drilling Company. There are no other offsets or credits on this amount.

10. In addition to providing the labor and materials hereinabove set forth, Rainy River Resources imposed upon the lienholder the obligation to supervise peripheral services as needed to drill, which had been the practice between lienholder and Rainy River Resources in the past; and accordingly, the lienholder arranged for the account of Rainy River Resources additional services to be rendered by the following direct contractors of Rainy River Resources; Rainy River Resources is now representing to lienholder that the same are subcontract and that the following parties are subcontractors of the lienholder, as opposed to being direct contractors of Rainy River Resources. Thus the lienholder claims for and on behalf of the following persons as subcontractors of lienholder, or in the alternative, as contractors in their own right through Desert Drilling Company as their agent, additional liens as follows:

La Sal Trucking	\$27,392.27
PSI Innovator	2,637.54
AGK Welding Service	2,415.00
L & L Mud	13,973.60
Doug Carroll Consulting	\$7,400.00
T & M Casing	<u>\$1,200.00</u>

Subtotal \$55,018.41

Desert Drilling \$44,000.00  
(as set forth above)

Total \$99,018.41

DATED this 10 day of October ~~September~~, A.D. 1984.

DESERT DRILLING COMPANY

By Kay L. Leach  
Kay L. Leach

STATE OF UTAH       )  
                              ) ss.  
County of Grand     )

KAY L. LEACH, the signer of the foregoing instrument, being first duly sworn on oath, deposes and says:

That she has read the above and foregoing instrument and knows the contents thereof; that the same is true to the best of her knowledge except as to matters therein stated on information and as to such matters, she believes it to be true.

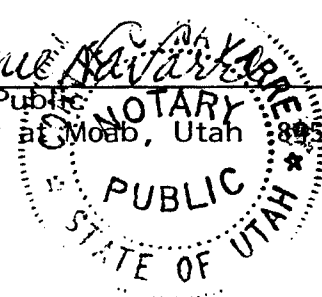
Kay L. Leach  
Kay L. Leach

October Subscribed and sworn to before me this 10<sup>th</sup> day of ~~September~~, A.D. 1984.

Connie A. Barker  
Notary Public  
Residing at Moab, Utah 89532

My commission expires:

6-27-86



350

WHEN RECORDED MAIL TO:

Coffman's Coffman, P.C.P.O. Box JMoab, Utah 84532

Space Above For Recorder's Use

MECHANIC'S LIEN

NOTICE IS HEREBY GIVEN, by LA SAL TRUCKING, INC., INC., a Utah corporation, with its principal place of business located at 356 South Main, Moab, Utah 84532, hereinafter referred to as "Lienholder", by and through Charles R. Klepzig, President, as follows:

1. Lienholder is a trucking company which, among other things, provides a service to the oilfield industry which includes trucking of and the sale of water and the rental of certain equipment for the drilling and completion of oil and gas wells.

2. Lienholder is an "original contractor" as the term is used in Section 38-1-2 of the Utah Code Annotated.

3. In June, 1984, lienholder was engaged by Rainy River Resources to provide certain services necessary to aid in the drilling of a certain well known as Rainy River Utah State #1, Emery County, State of Utah, being further described as:

Section 2, Township 25 South, Range  
11 East SLB&M.

4. The State of Utah is the reputed owner of the oil and gas estate at the site of the well aforesaid and St. Croix-Nuggett Joint Venture, whose address is 7850 Metro Parkway, Suite 102, Bloomington, Minnesota 55420, is the reputed

Lessee of Utah State Oil, Gas and Hydrocarbon Lease Number 33685. Rainy River Resources, whose address is Kickernick Building, Suite 640, 430 First Avenue North, Minneapolis, Minnesota 55401, is the reputed operator/developer of the aforesaid well located on said lease.

5. The terms and conditions under which Rainy River Resources engaged La Sal Trucking, Inc. are as follows: La Sal Trucking, Inc. would provide all water, delivered on location, necessary for the drilling project and would provide and deliver on a day to day rental basis certain equipment necessary for the drilling project. That upon completion of the drilling of the well known as Rainy River Utah State #1, La Sal Trucking, Inc. would render a statement to Rainy River Resources in the drilling effort, which statement would be honored within thirty (30) days from the date of rendering said statement.

6. The first service was furnished by La Sal Trucking, Inc. with respect to the drilling effort on Rainy River Utah State #1 well on the 7th day of July, 1984 and the last date in which water, trucking and equipment was furnished to the site of that well was the 24th day of July, 1984.

7. Attached to this lien is the statement of trucking, water and rental equipment provided from July 7, 1984 to July 24, 1984 to Rainy River Resources, which statement outlines the terms of the equipment rental, trucking and water.

8. Lienholder hereby gives notice of intent to hold and claim a lien upon the property interest and wells



described in paragraph 4, supra, pursuant to Section 38-1-7 of the Utah Code Annotated, 1953, as amended, for the amount of Nineteen Thousand Seven Hundred Forty Eight Dollars and 37/100 (\$19,748.37) and interest at the maximum legal rate from the 24th day of July, 1984. There are no offsets or credits on this account.

DATED this 16<sup>th</sup> day of October, A.D. 1984.

LA SAL TRUCKING, INC.

By Charles R. Klepzig  
Charles R. Klepzig, President

STATE OF UTAH       )  
                          ) ss.  
County of Grand     )

RAY KLEPZIG, the signer of the foregoing instrument, being first duly sworn on oath, deposes and says:

That he has read the above and foregoing instrument and knows the contents thereof; that the same is true to the best of his knowledge except as to matters therein stated on information and as to such matters, he believes it to be true.

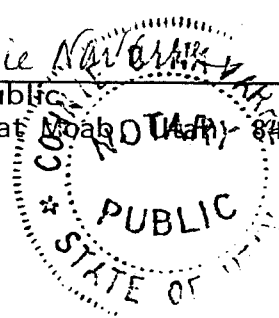
Charles R. Klepzig  
Charles R. Klepzig

Subscribed and sworn to before me this 16<sup>th</sup> day of October, A.D. 1984.

Connie N. [Signature]  
Notary Public  
Residing at [Signature] 84532

My commission expires:

6-27-86



LA SAL TRUCKING INC.  
P.O. BOX 879  
MOAB, UTAH 84532

## Statement

July 27, 1984

Rainy River Resources  
Kickernick Blvd. Suite 640  
430 First Avenue North  
Minneapolis, Minnesota 55401

Charge to

Bill to

Location-Utah State #1 Emery County Utah  
Temple Mountain  
Air Compressor Rental

7-7-84 thru 7-15-84	1-Joy 1600 CFM and WBIZ Booster @ \$1100.00 per day for 9 days	9,900.00
	1- Gardner Denver Wes @ \$250.00 per day for 9 days	2,250.00
	1-Oilwell Mist Pump @ \$175.00 per day for 9 days	1,575.00
7-6-84	6 hours trucking unit #49 @ \$55.00 per hour	330.00
	6 hours trucking unit #45 @ \$55.00 per hour	330.00
7-21-84	6 hours trucking unit # 49 @ \$55.00 per hour	330.00

\$14,715.00

*Larry Leach*

Wilson Jones

Yours Truly, Y. Jones

Date	Invoice #	Amount	15% Commission	Net Amount	2 1/2 % Commission	Net Amount	Da ma
Randy Dwee St. Croix							
7-7	30-15390	591.50					}
7-9	30-15391	430.50					
7-10	30-15392	504.10					
7-12	30-15394	281.00					
7-11	30-15393	310.13					
7-14	30-40679	139.00					
7-15	30-40700	400.00					
7-15	30-40702	500.00					
7-17	30-40719	115.00					
7-20	30-40723	150.00					
7-26	30-40701	418.00					}
7-24	30-15393	511.00	120.00	391.00			
July		5033.37					

POOR COPY

308884

STATE OF UTAH  
COUNTY OF EMERY SS  
FILED AND RECORDED FOR

*Coffman & Coffman*

OCT 22 10 10 AM '84

IN BOOK 149  
PAGE 355-358  
*John Lee Coffman*  
COUNTY RECORDER

355

WHEN RECORDED MAIL TO:

*Coffman's Coffman, P.C.*  
*P.O. Box J*  
*Moab, Utah 84532*

Space Above For Recorder's Use

MECHANIC'S LIEN

NOTICE IS HEREBY GIVEN, by LA SAL OIL COMPANY, INC., INC., a Utah corporation, with its principal place of business located at 356 South Main, Moab, Utah 84532, hereinafter referred to as "Lienholder", by and through Charles R. Klepzig, President, as follows:

1. Lienholder is a petroleum distributor which, among other things, provides a service to the oilfield industry which includes the sale of diesel fuel for the drilling and completion of oil and gas wells.

2. Lienholder is an "original contractor" as the term is used in Section 38-1-2 of the Utah Code Annotated.

3. In June, 1984, lienholder was engaged by Rainy River Resources to provide certain services necessary to aid in the drilling of a certain well known as Rainy River Utah State #1, Emery County, State of Utah, being further described as:

Section 2, Township 25 South, Range  
11 East SLB&M.

4. The State of Utah is the reputed owner of the oil and gas estate at the site of the well aforesaid and St. Croix-Nuggett Joint Venture, whose address is 7850 Metro Parkway, Suite 102, Bloomington, Minnesota 55420, is the reputed Lessee of Utah State Oil, Gas and Hydrocarbon Lease Number

33685. Rainy River Resources, whose address is Kickernick Building, Suite 640, 430 First Avenue North, Minneapolis, Minnesota 55401, is the reputed operator/developer of the aforesaid well located on said lease.

5. The terms and conditions under which Rainy River Resources engaged La Sal Oil Company, Inc. are as follows: La Sal Oil Company, Inc. would provide all diesel fuel, delivered on location, necessary for the drilling project. That upon completion of the drilling of the well known as Rainy River Utah State #1, La Sal Oil Company, Inc. would render a statement to Rainy River Resources in the drilling effort, which statement would be honored within thirty (30) days from the date of rendering said statement.

6. The first and only sale of fuel was furnished by La Sal Oil Company, Inc. with respect to the drilling effort on Rainy River Utah State #1 well on the 7th day of July, 1984.

7. Attached to this lien is the statement of the diesel fuel provided on July 7, 1984, which statement outlines the terms of the sale of fuel.

8. Lienholder hereby gives notice of intent to hold and claim a lien upon the property interest and wells described in paragraph 4, supra, pursuant to Section 38-1-7 of the Utah Code Annotated, 1953, as amended, for the amount of Seven Thousand Six Hundred Forty Three Dollars and 90/100 (\$7,643.90) and interest at the maximum legal rate from the 7th

day of July, 1984. There are no offsets or credits on this account.

DATED this 15<sup>th</sup> day of October, A.D. 1984.

LA SAL OIL COMPANY, INC.

By Charles R. Klepzig  
Charles R. Klepzig, President

STATE OF UTAH       )  
                              ) ss.  
County of Grand     )

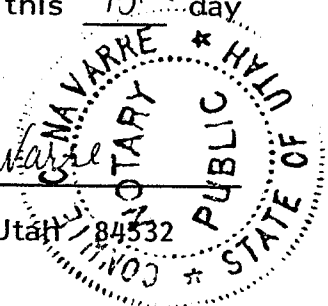
RAY KLEPZIG, the signer of the foregoing instrument, being first duly sworn on oath, deposes and says:

That he has read the above and foregoing instrument and knows the contents thereof; that the same is true to the best of his knowledge except as to matters therein stated on information and as to such matters, he believes it to be true.

Charles R. Klepzig  
Charles R. Klepzig

Subscribed and sworn to before me this 15<sup>th</sup> day of October, A.D. 1984.

Bonnie Navarre  
Notary Public  
Residing at Moab, Utah 84532



My commission expires:

6-27-86

358

INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER YEAR) WILL BE CHARGED ON ALL PAST DUE ACCOUNTS. IF COLLECTION IS MADE BY SUIT OR OTHERWISE, I AGREE TO PAY COLLECTION COSTS INCLUDING A REASONABLE ATTORNEY'S FEE. ACCOUNT BECOMES PAST DUE AFTER 10TH OF MONTH.

CUSTOMER'S ORDER NO.		PHONE NO.		DATE	
582 31 245 11F		5-11-72		7-7 1984	
SOLD TO Saint Terence (Rising River Community)					
ADDRESS Ki-Teenick Bld. Suit 640					
CITY 430 1st Ave North Minneapolis 55401					
SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT	MDSE. RETD.
WRS			<input checked="" type="checkbox"/>		
PAID OUT					
QUANTITY	DESCRIPTION			PRICE	AMOUNT
17500	#1 D-100			.93	72.54 00
2					
3					
4					
5					
6	Utah Sales Tax			5305	389.90
7					
8					7643.90
9					
10					
11					
12					
13					
14					
15					
16				TAX	
				TOTAL	
D 11750		Thank You.			
REC'D BY X		<i>Long Beach</i>			

POOR COPY

Building, Suite 640, 430 First Avenue North, Minneapolis, Minnesota 55401, is the reputed operator/developer of the aforesaid well located on said lease.

5. The terms and conditions under which Rainy River Resources engaged AGK Welding Service are as follows: AGK Welding Service would provide all welding, cutting, and metal and pipe fabrication necessary for the drilling project at their usual rate of \$30.00 per hour. That upon completion of the drilling of the well known as Rainy River Utah State #1, AGK Welding Service would render a statement to Rainy River Resources in the drilling effort, which statement would be honored within thirty (30) days from the date of rendering said statement.

6. The first service was furnished by AGK Welding Service with respect to the drilling effort on Rainy River Utah State #1 well on the 6th day of July, 1984 and the last date service was furnished to the site of that well was the 15th day of July, 1984.

7. Attached to this lien is the statement of services provided from July 6, 1984 to July 15, 1984 to Rainy River Resources, which statement outlines the services provided at the rate of \$30.00 per hour.

8. Lienholder hereby gives notice of intent to hold and claim a lien upon the property interest and wells described in paragraph 4, supra, pursuant to Section 38-1-7 of the Utah Code Annotated, 1953, as amended, for the amount of Two Thousand Four Hundred Fifteen Dollars (\$2,415.00) and



interest at the maximum legal rate from the 15th day of July, 1984.

There are no offsets or credits on this account.

DATED this 16th day of October, A.D. 1984.

AGK WELDING SERVICE

By

Gene Tangreen  
Gene Tangreen, Owner

STATE OF UTAH       )  
                          ) ss.  
County of Grand     )

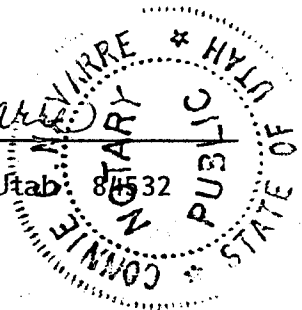
GENE TANGREEN, the signer of the foregoing instrument, being first duly sworn on oath, deposes and says:

That he has read the above and foregoing instrument and knows the contents thereof; that the same is true to the best of his knowledge except as to matters therein stated on information and as to such matters, he believes it to be true.

Gene Tangreen  
Gene Tangreen

Subscribed and sworn to before me this 16th day of October, A.D. 1984.

Connie Navarre  
Notary Public  
Residing at Moab, Utah 84532



My commission expires:

6-27-86

AGK Welding Service  
P.O. Box 1405  
Moab, UT 84532

4838

GENE TANGREEN 801-259-8814

CUSTOMER'S ORDER NO.	DEPT.	DATE
		7-8-84
NAME RAINY RIVER RESOURCES		
ADDRESS KICKERWICK Bld Suite 140		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MOSE RETD.	PAID OUT

JAN.		DESCRIPTION	PRICE	AMOUNT
	1	7-6-84		
9hr	2	Build & set anchors	309	270.00
	3			
5hr	4	7-7-84		
	5	set conductor &		
362	6	build dust deflector	150.00	
	7			
10hr	8	7-8-84		
	9	Build slip for surface	300.00	
	10	pipe, run surface,		
	11	cut off & weld thread		
	12	END FOR SCREEN ON		
	13	well head & flange		
	14			
	15			
	16			
	17			
	18		720.00	

REC'D BY

REC'D BY  
5H 340

KEEP THIS SLIP  
FOR REFERENCE

AGK Welding Service  
P.O. Box 1405  
Moab, UT 84532  
GENE TANGREEN 801-259-8814

4841

CUSTOMER'S ORDER NO.	DEPT.	DATE
		7-14-84
NAME RAINY RIVER RESOURCES		
ADDRESS		

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MOSE RETD.	PAID OUT

QUAN.		DESCRIPTION	PRICE	AMOUNT
22 hr		Nipples up 8 5/8"		660.00
	2	CASING		
	3			
	4			
	5			
	6			
	7	Mile Dooley		
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			660.00

REC'D BY

REC'D BY  
5H 340

KEEP THIS SLIP  
FOR REFERENCE

H&K WELDING SERVICE 4840  
P.O. Box 1405  
Moab UT 84532  
GENE TANGREEN 801-259-8814

CUSTOMER'S ORDER NO.	DEPT.	DATE
		7-11-84
NAME		
RAINY RIVER RESOURCES		
ADDRESS		

SOLD BY CASH C.O.D. CHARGE ON ACCT. MDSE. RETD. PAID OUT

QUAN.	DESCRIPTION	PRICE	AMOUNT
1	7-9-84	30.00	
4	Rebuild flow line		120.00
3	to switch to mud		
4			
12	7-10-84		
6	Rebuild flow line		360.00
7	to switch to mud		
8			
9	7-11-84		
6	Stack in hole fishing		180.00
11	TRAVEL to Moab		
12			
13			
14			
15			
16			
17			
18			660.00

REC'D BY

REC'D FORM 5H 340

KEEP THIS SLIP  
FOR REFERENCE

H&K WELDING SERVICE 4842  
P.O. Box 1405  
Moab UT 84532  
GENE TANGREEN 801-259-8814

CUSTOMER'S ORDER NO.	DEPT.	DATE
NAME		
RAINY RIVER RESOURCES		
ADDRESS		

SOLD BY CASH C.O.D. CHARGE ON ACCT. MDSE. RETD. PAID OUT

QUAN.	DESCRIPTION	PRICE	AMOUNT
12 1/2	Build flow line	30.00	375.00
2	for change over		
3	to mud		
4			
5			
6			
7	Mike Rooley		
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			375.00

REC'D BY

REC'D FORM 5H 340

KEEP THIS SLIP  
FOR REFERENCE



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 3, 1985

St. Croix Exploration  
430 First Avenue North #640  
Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State 1 - Sec. 2, T. 25S., R. 11E.,  
Emery County, Utah - API 343-015-30197

Our records indicate that you have not filed drilling reports for the months of July 1984 to present on the above referenced well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than May 17, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/73



STATE OF UTAH  
NATURAL RESOURCES  
State Lands & Forestry

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Ralph A. Miles, Division Director

355 W. North Temple • 3 Triad Center • Suite 400 • Salt Lake City, UT 84180-1204 • 801-538-5508

September 5, 1985

TO: Dianne R. Nielson, Director

FROM: John R. Baza, Petroleum Engineer

RE: St. Croix Exploration/Rainy River Resources Temple Mountain Development

The Division recently received letters from Senator Jake Garn and the Division of State History concerning the reported disturbance of an archeological site by drilling operations in the area of Temple Mountain in Emery County. Copies of these letters are attached for your information. This memo presents a summary of the referenced oil and gas drilling activities in order to assist in preparing a response to the letters from Senator Garn and the Division of State History.

There are currently 10 wells in the area of Temple Mountain in Emery County, which were originally drilled by St. Croix Exploration based in Minneapolis, Minnesota. All wells are on state lease no. VML-33685. The Division recently received notice of a change of operator for several of the wells to Rainy River Resources, also based in Minneapolis. I believe the same persons are still involved with operation of the wells, and the operator change amounts to nothing more than a name change.

The operator began drilling wells in 1977, and the most recent well was drilled in May of this year. None of the wells has ever produced. Three wells are currently in drilling status and no monthly reports have been submitted, three wells are considered "operations suspended" because no completion reports were ever filed, and four wells are considered shut-in oil wells only because completion reports were filed indicating that the wells would remain shut-in pending project review. The attached table provides information on each of the wells.

The well which is the subject of Senator Garn's letter is the Utah State No. 1 located in Section 2, Township 25S, Range 11E. It is the only well in the section and is highly visible because of its proximity to a well traveled road and an Indian pictograph site. The well was approved for drilling on June 8, 1984, prior to implementation of a requirement to obtain archaeological clearance from the Division of State History when drilling on state land. Our Division was notified of the well's proximity to an existing archaeological site only after the well was approved and drilling had commenced.

Page Two  
Dianne R. Nielson  
September 5, 1985

No monthly drilling reports for the well have been filed by the operator, even after a letter from the Division requesting such reports was sent. The well remains in drilling status, although onsite inspection indicates that the location has been cleared and no activity is taking place in the area. Copies of the request for information letter dated May 3, 1985, and several inspection reports are attached.

Several members of the Division have contacted Mr. Stan Tyler of St. Croix several times in the past year. He repeatedly states that he intends to reenter these wells and develop the resource using technology which is currently being designed and tested. A copy of a letter is attached, dated September 20, 1984, from Mr. Tyler to the Division which provides such an indication. We have been patient and willing to give him the time to implement a development program. Meanwhile, we have approved new APD's as they are submitted because of the existing mineral lease with the Division of State Lands and Forestry. If anything, this Division has been overly lenient in enforcing our requirements because of Mr. Tyler's claims that work is in progress to develop the area.

With the recent attention being drawn to this area, it now becomes important to take action against St. Croix/Rainy River in order to resolve some of the problems that have been brought to light. We should first reiterate our previous requests for information to update the well files. Then we should require the operator to clean up and rehabilitate all well locations, including the Utah State No. 1, as much as possible. Recognizing that the operator has been summoned to court concerning a mechanic's lien and in light of the difficulties we have encountered in the past, we should be prepared to bring this matter to the Board of Oil, Gas and Mining for resolution in the event that St. Croix/Rainy River does not respond to our requests.

sb  
Attachments  
cc: R. J. Firth  
0155T-26-27



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 17, 1986

St. Croix Exploration  
c/o Rainy River Resources  
430 First Avenue North #640  
Minneapolis, Minnesota 55401

Gentlemen:

Re: Well No. Utah State 1 - Sec. 2, T. 25S., R. 11E.,  
Emery County, Utah - API #43-015-30197

A records review indicates that no required reports for the referenced well have been filed since July 9, 1984. Monthly drilling reports must be submitted to account for the time between spudding and well completion.

Rule 312 of the Oil and Gas Conservation General Rules requires that Form DOGM-3 "Well Completion or Recompletion Report and Log" or copy of the equivalent federal form, along with copies of logs and tests run, be filed with this office not later than 90 days after well completion or termination of drilling.

Please use the address below to provide the required information at your earliest convenience, but not later than October 10, 1986.

Utah Division of Oil, Gas and Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout  
Records Manager

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
Well File  
Suspense File

0431S/20

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

101511

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
 b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR  
St. Croix Exploration Co., Inc.

3. ADDRESS OF OPERATOR  
430 First Avenue North, Suite #640, Minneapolis, MN 55401

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)  
At surface 950' FSL, 2579' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-015-30197  
DATE ISSUED 6/08/84

DIVISION OF OIL, GAS &amp; MINING

15. DATE SPUDDED 7/7/84  
16. DATE T.D. REACHED 7/26/84  
17. DATE COMPL. (Ready to prod.) N/A  
18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5313' GR  
19. ELEV. CASINGHEAD 5320' GR  
20. TOTAL DEPTH, MD & TVD 2041'  
21. PLUG, BACK T.D., MD & TVD N/A  
22. IF MULTIPLE COMPL., HOW MANY\* N/A  
23. INTERVALS DRILLED BY → 0-2041'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None  
25. WAS DIRECTIONAL SURVEY MADE  
Totco

26. TYPE ELECTRIC AND OTHER LOGS RUN  
None  
27. WAS WELL CORED  
Yes

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54#/ft	107'	17-1/2"	150 sxs. 2% Class G	
8-5/8"	24#/ft	850'	12-1/2"	300 sxs. 2% Class G	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PERFORATION RECORD (Interval, size and number)

None

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

## 33.\* PRODUCTION

DATE FIRST PRODUCTION None  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) None  
WELL STATUS (Producing or shut-in) Temporarily abandoned

DATE OF TEST N/A  
HOURS TESTED N/A  
CHOKE SIZE N/A  
PROD'N. FOR TEST PERIOD →  
OIL—BBL. N/A  
GAS—MCF. N/A  
WATER—BBL. N/A  
GAS-OIL RATIO N/A  
FLOW. TUBING PRESS. N/A  
CASING PRESSURE N/A  
CALCULATED 24-HOUR RATE →  
OIL—BBL. N/A  
GAS—MCF. N/A  
WATER—BBL. N/A  
OIL GRAVITY-API (CORR.) N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
N/A  
TEST WITNESSED BY  
N/A

## 35. LIST OF ATTACHMENTS

N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Stanley R. Tyler, President

DATE 10/7/86

\*(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

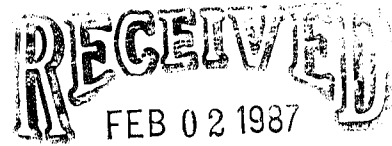
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Chinle Red Beds	0	920'				
Mossback	920'	950'				
Moenkopi	950'	1443'				
Sinbad	1443'	1505'				
Red Beds	1505'	1550'				
Kaibab	1550'	1620'				
Permian - White Rim	1620'	2041'				

Macdonald Resources, Inc.

020929

6662 East Long Avenue  
Englewood, CO 80112  
(303) 694-9447



January 21, 1987

DIVISION OF  
OIL, GAS & MINING

Mr. John Baza, Petroleum Engineer  
State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180-1203

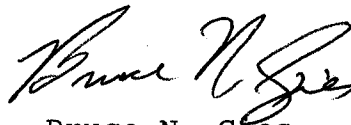
re: Rainy River Resources dba St. Croix Exploration  
Application to Plug & Abandon Well in Emery County  
Utah State Well #1, Sec 2 T25S R11E

Dear Mr. Baza:

Further to our telephone conversation 1/27/87, on behalf of Rainy River Resources, we have enclosed an application to plug & abandon the Utah State #1 in Sec 2 T25S R11E as we discussed.

Thank you for your cooperation.

Yours truly,

  
Bruce N. Gies

cc: Mr. Stan Tyler  
Rainy River Resources

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Permission to Plug & Abandon		5. LEASE DESIGNATION AND SERIAL NO. ML 33685
2. NAME OF OPERATOR Rainy River Resources dba St. Croix Exploration		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 430 1st Ave. N., Suite 640, Minneapolis, MN 55401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME UTAH STATE
14. PERMIT NO. API 43-015-30197		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5313 GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec. 2 T25S R11E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

18.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☒CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Well Status:

13 3/8" casing set @ 107', 8 5/8" casing set @ 842', TD 2030'

Formation Tops: Mossbach - 920'  
Moenkopi - 1180'  
Sinbad - 1443'  
Kaibab - 1550'  
Whiterim - 1620' to TD

RECEIVED  
FEB 02 1987

Plan for Plugging &amp; Abandoning Well #1

Reason: No commercial production

Program:

Trip in hole with tubing &amp; set 100 ft. cement plug (35 sacks) from 1600 ft. to 1500 ft.

Set 100 ft. cement plug.- (35 sacks) across 8 5/8" casing shoe.

Cut off surface casing 3 1/2 feet below ground level.

Fill hole with drilling mud.

Set 10 sack surface cement plug.

Weld on plate and dry hole marker.

Reclaim location.

18. I hereby certify that the foregoing is true and correct

SIGNED B.N. Gies *B.N. Gies* TITLE Consultant

DATE 1/29/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2-6-87

\*See Instructions on Reverse Side

**Macdonald Resources, Inc.**

6662 East Long Avenue  
Englewood, CO 80112  
(303) 694-9447

February 21, 1987

**RECEIVED**  
MAR 02 1987

**DIVISION OF  
OIL, GAS & MINING**

Mr. John Baza, Petroleum Engineer  
State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180-1203

re: Rainy River Resources dba St. Croix Exploration  
Sundry Notices & Reports on Well Abandonments  
in Emery County Utah

Dear Mr. Baza:

On behalf of Rainy River Resources, we have enclosed  
Sundry Notices & Reports for the nine wells which were  
recently abandoned.

Yours truly,



Bruce N. Gies

Encl.

cc: Mr. Stan Tyler  
Rainy River Resources

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT **TRIPPLICATE\***  
(Other instructions on  
reverse side)

030403

TAB 15

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Abandonment		5. LEASE DESIGNATION AND SERIAL NO. ML 33685	
2. NAME OF OPERATOR Rainy River Resources dba St. Croix Exploration		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 430 1st Ave. N., Suite 640, Minneapolis, MN 55401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME UTAH STATE	
14. PERMIT NO. API 43-015-30197		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5313 GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 2 T <del>25</del> R11E	
		12. COUNTY OR PARISH Emery	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Feb. 15, 1987 - Sec 2 Well #1

Rigged up and drilled out surface cement plug. Plug was approximately 10 ft., cleaned out casing below plug, old sacks etc. Ran bailer test, fluid level and PBTD @1100 ft. Fluid was water. Mix and pump 35 sack cement plug on top of bridge at 1100 ft. Mix and pumped 6 bbls of gel spacer. Mix and pumped 35 sack cement plug across casing shoe at 840 ft. SDFN.

Feb. 16, 1987 - Check fluid level in casing, plug appears to be holding OK. Mix and pump gel spacer to fill casing. Mix and place 10 sack surface cement plug. Install dryhole marker. Rig down. Move rig and equipment back to Hanksville.

RECEIVED  
MAR 02 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED B.N. Gies TITLE Consultant DATE 2/26/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-3-87  
BY: John R. Dyer

\*See Instructions on Reverse Side